

# PRODUCT DATASHEET

## SMART+ Wifi Orbis Stea 485mm RGB + TW

Smart+ Orbis Ceiling | Smart decorative ceiling with 2 lights TW RGB and dimmable



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### Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

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### Product benefits

- Easy and quick installation
- 2 independent main lights
- TW and RGB

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### Product features

- Controllable via voice control available: Google Assistant or Amazon Alexa
- Dimmable
- Network protocol: WiFi
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)



TECHNICAL DATA

Electrical data

|   |                     |
|---|---------------------|
| Nominal wattage   | 32.00 W             |
| Nominal voltage   | 220...240 V         |
| Mains frequency   | 50...60 Hz          |
| Nominal current   | 140.000 mA          |
| Inrush current  | 8.95 A              |
| Inrush current time T <sub>h50</sub>                        | 350 µs              |
| Max. number of luminaires per miniature circuit breaker B16 | 5                   |
| Power factor λ  | 0.90                |
| Total harmonic distortion                                   | < 20 %              |
| Protection class  | I                   |
| Operating mode  | External LED driver |

Photometrical data

|  |                      |
|--|----------------------|
| Luminous flux  | 1950 lm              |
| Total luminous flux of contained light sources               | 3350 lm              |
| Luminous efficacy  | 222 lm/W             |
| Color temperature  | 2700...6500 K        |
| Reference control setting of contained light source (Kelvin) | 2700 K <sup>1)</sup> |
| Light color (designation)                                    | Tunable White        |
| Color rendering index Ra                                     | > 80                 |
| Standard deviation of color matching                         | < 6 sdcm             |
| Photobiological safety group acc. to EN62778                 | RG0                  |
| Photobiological safety group acc. to EN62471                 | RG0                  |
| Beam angle   | 110 °                |

1) Performing a reset will restore the default values set by the manufacturer

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 485.00 mm |
| Height         | 80.00 mm  |
| Product weight | 2900.00 g |

SMART WIFI ORBIS STEA

## Materials & Colors

|                 |                    |
|-----------------|--------------------|
| Product color   | White              |
| Housing color   | White              |
| Body material   | Steel              |
| Cover material  | Polycarbonate (PC) |
| Mercury content | 0.0 mg             |

## Application & Mounting

|  |                |
|--|----------------|
| Ambient temperature range              | -20...+45 °C   |
| Temperature range at storage           | -20...+80 °C   |
| Type of connection                     | Screw terminal |
| Type of protection                     | IP20           |
| Protection class IK (shock resistance) | IK03           |
| Dimmable                               | Yes            |
| Type of dimming                        | WiFi           |
| Mounting type                          | Surface        |
| Mounting location                      | Ceiling        |
| Application environment                | Indoor         |
| With light source                      | Yes            |

## Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 30000 h |
| Number of switching cycles | 15000   |

## Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
| Integrated test switch           | No   |

## Certificates & Standards

|  |                 |
|--|-----------------|
| Standards  | CE / UKCA       |
| Luminaire with limited surface temperature, "D sign" | No              |
| Replaceable light source (EPREL)                     | Not replaceable |






## EQUIPMENT / ACCESSORIES

- Mounting bracket included
- Mounting screws and dowels included
- Control via app or voice control requires compatible Smart home system
- For control via SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

### DOWNLOAD DATA

| Documents and certificates   |  | Document name                    |
|--|--|----------------------------------|
|    | User instruction / safety instructions | SMART WIFI ORBIS RGBTW WT        |
|    | Legal information                      | Legal insert SUNATHOME WORKSPACE |
|   | Declarations of conformity             | EC_SMART WIFI ORBIS              |
|  | Declarations of conformity UKCA        | SMART WIFI ORBIS                 |
|  | EU Data Act                            | SMART WiFi Lamps and Luminaires  |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075573413 | Folding box<br>1             | 525 mm x 120 mm x 525 mm             | 3300.00 g    | 33.08 dm <sup>3</sup>  |
| 4058075573420 | Shipping box<br>4            | 545 mm x 510 mm x 550 mm             | 14200.00 g   | 152.87 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### References / Links

- Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

**DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.